

IN THE CLAIMS:

The following is a list of the presently pending claims, for the Examiner's convenience. The claims are not being amended.

1. (Previously Presented) A data transmission method, the method comprising:
employing a packet protocol for data transmission;
identifying at least some participants of the data transmission with internet
protocol addresses;
activating a packet data context for data transmission between identified
participants;
associating one packet data context with more than one internet protocol address;
and
transmitting data between the identified participants.

2. (Previously Presented) The method of claim 1, further comprising:
activating the packet data context in a mobile station.

3. (Previously Presented) The method of claim 1, further comprising:

identifying one or more units of terminal equipment with unique internet protocol addresses, the terminal equipment being connected to a mobile termination of the mobile station; and

identifying the mobile termination with a unique internet protocol address.

4. (Previously Presented) The method of claim 3, further comprising:
the mobile termination sending packet data from more than one internet address using one packet data context.

5. (Previously Presented) The method of claim 3, further comprising:
the mobile termination receiving packet data associated with more than one internet address; and
forwarding each packet to the terminal equipment with the respective internet address.

6. (Previously Presented) The method of claim 1, further comprising:
activating the packet data context between a mobile station and a gateway support node.

7. (Previously Presented) The method of claim 1, further comprising: transferring data between a mobile station and a gateway support node relating to more than one internet address using one packet data context.

8. (Previously Presented) The method of claim 1, further comprising:
activating one packet data context for each quality of service in use.

9. (Previously Presented) The method of claim 3, further comprising:
the mobile termination sending a request to the network for a new internet address,
when new terminal equipment is connected to the mobile termination; and
associating the internet address with the packet data context.

10. (Previously Presented) The method of claim 3, further comprising:
the mobile termination sending a request to the network to release the internet
address of terminal equipment, when the terminal equipment is disconnected from the
mobile termination; and
disassociating the internet address from the packet data context.

11. (Previously Presented) A telecommunication system, comprising:
a first unit; and
a second unit,

wherein the first unit and the second unit are configured to communicate with each other using a packet protocol for data transmission,

wherein at least some participating units of the transmission are identified with internet protocol addresses,

wherein the first and the second unit are configured to activate a packet data context for data transmission between the units, and

wherein the first unit and the second unit are configured to associate one packet data context for more than one internet protocol address.

12. (Previously Presented) The system of claim 11, wherein the first unit comprises a mobile termination and one or more units of terminal equipment, each identified by a different internet protocol address.

13. (Previously Presented) The system of claim 12, wherein the second unit is a gateway support node, and the gateway support node and the mobile termination are configured to activate a packet data context, and to use the packet data context in the data transmission relating to more than one internet address.

14. (Previously Presented) The system of claim 11, wherein the system is configured to support connections with a different quality of service, and the first and the second unit are configured to activate one packet data context for each quality of service.

15. (Previously Presented) An apparatus, comprising:
a plurality of transmission units,
wherein the plurality of transmission units are configured to communicate using a single packet data context, and
wherein each of the plurality of transmission units has a unique internet protocol address.

16. (Previously Presented) An apparatus, comprising:
a plurality of transmission means for communicating information in a communications network,
wherein the plurality of transmission means are configured to communicate using a single packet data context, and
wherein each of the plurality of transmission means has a unique internet protocol address.

17. (Previously Presented) The method of claim 1, wherein the associating one packet data context with more than one internet protocol address comprises associating one packet data context with more than one internet protocol address of a same type to one another.

18. (Previously Presented) The system of claim 11, wherein the more than one internet protocol address comprises addresses of a same type to one another.